

CITY OF SANTA FE SPRINGS FIRE DEPARTMENT

FIRE PROTECTION DIVISION & ENVIRONMENTAL PROTECTION DIVISION
11300 GREENSTONE AVE. SANTA FE SPRINGS CA 90670-4619 (562) 944-9713 FAX (562) 944-1817APPLICATION FOR CLOSURE
Industrial Waste Treatment Unit

FOR OFFICE USE ONLY

FEE _____
CHECK _____ CASH _____

FACILITY/SITE INFORMATION

COMPANY NAME FOSS PLATING COMPANY, INC PHONE NUMBER (562) 945-3451
SITE ADDRESS 8140 SECURA WAY CITY SANTA FE SPRINGS STATE CA ZIP 90670
COMPANY CONTACT CAROL FOSS McCRACKEN TITLE ENVIRONMENTAL/SAFETY MANAGER

PROPERTY OWNER INFORMATION

OWNER/OPERATOR VICTOR E. FOSS, PRESIDENT PHONE NUMBER (562) 945-3451
MAILING ADDRESS 8140 SECURA WAY CITY SANTA FE SPRINGS STATE CA ZIP 90670
PROPERTY MANAGER (IF APPLICABLE) _____ PHONE NUMBER _____

CONTRACTOR INFORMATION

ADAMS BACKHOW SERVICE

CONTRACTOR NAME JACK'S ENVIRONMENTAL TECHNOLOGY/ CONTRACTOR LICENSE 659754
COMPANY NAME (if applicable) _____ PHONE NUMBER (818) 414-4150
MAILING ADDRESS 327 WEST 132ND STREET CITY LOS ANGELES STATE CA ZIP 90061

TYPE OF CLOSURE REQUESTED

- ☒
- Treatment unit removal (see conditions A, B, C, E and F on reverse)
-
- ☐
- Treatment unit abandonment in place (see conditions A, B, C, D, on reverse)

DESCRIPTION OF WASTE GENERATING OPERATIONS BEING CLOSED

TYPE OF BUSINESS: ELECTROPLATING IVI PERMIT NUMBER: _____
SOURCE OF WASTEWATER: ELECTROPLATING: CLEANERS, ACIDS, NICKEL, CHROME
TYPE OF TREATMENT UNIT: ABANDONED 3-STAGE CLARIFIER

Please complete the following:

- Has an unauthorized release ever occurred at this site?YES _____ NO X
- Have structural repairs ever been made to the treatment unit?YES _____ NO X
- Will new treatment unit(s) be installed after closure?YES _____ NO X
- Will industrial waste generating operations remain after closure?YES X NO _____ EXISTING CLARIFIER

If the answer is YES to any of the above questions, attach an explanation.

NOTICE: Any waste remaining in the equipment may be a hazardous waste which must be transported and disposed of pursuant to Chapter 6.5 of the California Health and Safety Code. Failure to comply may be prosecuted as a felony violation.

The applicant's signature certifies, under penalty of perjury, that all statements and disclosures above are true and correct and that they have read and agree to abide by this closure authorization and all conditions and limitations on the reverse side of this form and any additional conditions that may be attached.

APPLICANT'S SIGNATURE: [Signature] DATE: 12-23-02
PRINT NAME: VICTOR E. FOSS, PRESIDENT PHONE (562) 945-3451
POSITION: Owner: ☒ Operator ☒ Contractor ☐

TO BE FILLED OUT BY THE SANTA FE SPRINGS FIRE DEPARTMENT

PURSUANT TO SECTION 20.36.220 OF THE LOS ANGELES COUNTY CODE ADOPTED BY THE CITY OF SANTA FE SPRINGS, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS AUTHORIZATION EXPIRES 180 DAYS FROM THE DATE BELOW.

BY: _____ TITLE: _____ DATE: _____

**Foss Plating Company
Work Plan
Background Information**

1. Site History

Foss Plating began operation at the present location in 1968. An inspection of records conducted by Clayton Environmental Consultants for a Preliminary Environment Assessment completed on April 27, 1989 showed no indication of any prior occupants. This investigation included records of the Santa Fe Springs Building Department, and historical aerial photographs located at Whittier College.

Foss Plating is located on the floodplain of the San Gabriel River, at an elevation of approximately 154 feet above mean sea level. Regional and local surface drainage patterns trend to the southwest, indicating that surface runoff water from the site should move in a southwesterly direction. Storm drains are located in front, or west of the property running down the center of Secura Way.

The only record of a spill in the area under question happened in 1995 when ten to fifteen gallons of 1,1,1 trichloroethane were spilled. At that time our biggest concern was making sure none of it escaped to the street, or flowed into the POTW collection box.

Some limited ground testing was conducted near the site in question in March, 1999. See the enclosed map and test results. Our staff took these samples, but we were not able to safely get into the old 3-stage clarifier to take samples there.

Further, Foss Plating is located near the Omega Chemical Superfund Site, and ground testing was done near our facility. Other ground testing was conducted by Mission Linen. We were not given the results of either of these tests. See a copy of the map from Omega.

**FOSS PLATING COMPANY
GENERAL WORK PLAN, WITH SAFETY PLAN
REMOVAL OF BELOW GROUND PROCESS TANKS
(as filed with the City of Santa Fe Springs on Dec 23, 2002)**

PURPOSE: To remove, or bring into compliance with the latest regulations and requirements all below ground in-place industrial wastewater clarifiers and sumps in the most cost effective way possible

Part 1 – Removal of the abandoned 3-stage clarifier

1. Pressure wash the inside of all three sections of the old clarifier (Abel & crew)
2. Pump out water, in-house test, and send fluids through our existing clarifier system for treatment before discharge to the POTW. (Abel, Carol & crew)
3. Employee safety training – show all employees the site, and explain the project. Allow all employees to see how deep the hole is. (Carol)
 - Once we get started, no one is allowed behind the barrier tape
 - Absolutely – this hole is a confined space – no one is allowed inside this clarifier
4. Because this work site is right next to our existing collection box (prior to release to the POTW) we need to notify the Sanitation District of our project. During work, cover the top of the collection box with a steel plate. This is to prevent damage and accidental release of dirt, etc to the collection box. (Carol)
5. Break out the cement on top. (Jack's Environmental Technology)
All cement is to be kept separate and washed.
Disposal – take by truck to a cement re-cycler, located in Santa Fe Springs
Brick – to be determined
6. Jack's Environmental to provide an experienced back-hoe operator to dig out the sides and bottom of the existing 3-stage clarifier. On the day we dig out, we will arrange for visual inspection by the Santa Fe Springs Fire Department.
When we have dug out all cement linings, and removed unused pipes and tenches plus any suspicious looking dirt, we will have the back hoe operator dig down another few feet at three locations (Inlet, outlet and one in the middle). (Carol & Vic)
7. We plan to collect samples to ground test for: (Jack's Environmental)
 - 8260's Halogenated Solvents, sample prep 5035 oncore or similar sampler
 - Cal 17 metals
 - Hexavalent Chrome
 - PH

8. Jack's Environmental will take samples and help arrange for an EPA approved lab and to pick up and test the samples. If we can find a mobile lab at a reasonable price, use it to estimate how deep to sample.
9. Separate cement, bricks and dirt, and arrange for disposal by Jack's Environmental.
10. While waiting for the sample results and for a go-ahead from the city, the hole is to be covered with steel plates. and, as an added precaution, the area can be sectioned off with barrier tape. Steel plates in various sizes are available from our local supplier. We plan to pick up the best size on the day of digging.
11. If further remediation is required, follow the direction of the City of Santa Fe Springs
12. When final approval is in place, fill the hole with clean fill dirt or gravel, and cement the top, using adequate wire mesh and/or re-bar to handle forklift traffic. Foss Plating will do as much of this as possible.

Carol will file appropriate forms with both SFS Haz Mat and the Building Department.

Abel and a crew can handle the power wash, pumping and treatment for steps 1 and 2.

Vic and Abel. Pick up steel plates on the day they are needed.

Carol will order new barrier tape. (done)

Jack's Environmental Technology will take care of the concrete cutter, Back Hoe and Operator, sampling and analysis, certified CEG report, transportation and disposal of non-hazardous dirt, cement and brick and provide backfill gravel.

Foss Plating Company
Work Plan-Short List

12/23/02

Purpose: To meet requirements of both the City of Santa Fe Springs and the Department to Toxic Substance Control (DTSC) regarding below ground tanks and ground testing in an environmentally responsible manner. Below is a tentative time schedule.

Part 1

Approved removal of old 3-stage clarifier

Tentative time – December or January, 2003

(Work Plan submitted to the City of Santa Fe Springs, 12-23-02)

(Carol)

Part 2-A

Find a way to successfully bring all wastewater treatment above ground. If possible, take advantage of new technology to further reduce water use and filter cake volume.

Target time – successful operation by late winter, or spring, 2003

(In discussion with vendors. We are looking at an almost closed loop system, and are waiting for quotes. We also hope to get our slant plate clarifier operational.) File for changes in permits with Sanitation District of LA county, Santa Fe Springs CUPA, DTSC and AQMD. (Vic & Randy, Carol)

Part 2-B

If we can do so successfully, enter into approved removal of the existing clarifier

Target time – summer, 2003, earlier if we can

Repair a few of the below ground tanks for spill containment.

Part 3-A

Temporary double containment of the nickel sump.

Target date: December, 2002, or January 2003.

(Vic or Abel)

Part 3-B

Ground Testing in the vicinity of the nickel sump and trenches

Target time – after successful removal of existing below ground clarifiers

Fall or winter 2003-2004

Approved removal and replacement of existing nickel sump with double containment.

New replacement – winter, 2004

Part 4

Ground testing in the vicinity of the old degreaser, and below the chrome plating line.

Deal with the findings in an approved manner.

Very tentative target time - summer 2004